



A.D. 1871, 31st *AUGUST*. N° 2295.

S P E C I F I C A T I O N

OF

JOHN TONKIN COCKING.

PLASTIC MATERIAL FOR SPLINTS, &c.

LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,

PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY:

PUBLISHED AT THE GREAT SEAL PATENT OFFICE,

25, SOUTHAMPTON BUILDINGS, HOLBORN.

Price 4d.

1872.



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Plastic Material for Splints, &c.

(This Invention received Provisional Protection only.)

PROVISIONAL SPECIFICATION left by John Tonkin Cocking at the Office of the Commissioners of Patents, with his Petition, on the 31st August 1871.

I, JOHN TONKIN COCKING, of Penzance, in the County of Cornwall,
5 Hat Manufacturer, do hereby declare the nature of the said Invention for “AN IMPROVED PLASTIC MATERIAL SUITABLE FOR SURGICAL SPLINTS AND OTHER PURPOSES,” to be as follows :—

This Invention consists in the formation of a plastic and porous material, and is composed of hair, wool, fur, cotton, and other animal
10 and vegetable fibre, felted together, and afterwards made rigid by a mixture of shellac, resin, thusk, borax, and water, so combined with the felted fabric as to make a substance plastic when hot and rigid when cold, and also so porous as to admit respiration through it.

I do not confine myself to any definite proportions of the materials
15 named, as they may be somewhat varied according to the uses to which the material may be applied. For surgical splints, the material has only to be made hot in boiling water or dry heat, when it can be

Cocking's Improved Plastic Material for Splints, &c.

moulded to any shape, and it will retain its flexibility when partially cold. It requires no glue, and metal attachments are easily fixed by rivets.

The material can also be adopted in the formation of helmets for the head, leg and other guards for cricketers, and various other useful 5 purposes, it being at once light, porous, elastic, flexible, and plastic, and also economical in its manufacture.

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